IN THE CLAIMS:

1.   (Currently Amended) A method for cache management and regeneration of dynamically-generated content ("DGC") in one or more server computers within a client-server computer network, comprising the steps of:

in response to a regeneration event notification from a content management system received by a cache manager, identifying a set of one or more previously cached DGC components affected by said regeneration event using the cache manager;

using the cache manager to invoke a page generator to regenerate each affected DGC component using one or more attributes from a corresponding file name for each DGC component, wherein the attributes are used by the page generator to determine how to regenerate content for each affected DGC;

regenerating a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event based on the one or more attributes associated with that affected DGC component, wherein the page generator performs the regenerating; and

replacing each affected DGC component in said set with said respective new version of each using the cache manager.

2.   (Original) The method of Claim 1, further comprising the step of serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.

3.   (Original) The method of Claim 1, further comprising the step of serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page to a client computer in said client-server network in response to a request from said client computer.

4.   (Original) The method of Claim 1, wherein:

said identifying step further comprises identifying which of said affected DGC components satisfy a threshold criteria;

said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and

said replacing step further comprises flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

5.   (Original) The method of Claim 4, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.

6.   (Original) The method of Claim 5, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC component or for a dynamically-generated page.

7.   (Original) The method of Claim 1, wherein any one or more of said identifying, regenerating and replacing steps can be performed at a different one of said one or more server computers from each other.

8.   (Original) The method of Claim 1, wherein said regenerating step further comprises the step of limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.

9.   (Original) The method of Claim 8, wherein said preset threshold value is arbitrarily determined according a desired network performance level.

10.   (Original) The method of Claim 8, wherein said preset threshold value is determined by a static descriptor, such as a configuration variable.

11.   (Original) The method of Claim 1, wherein said regeneration event comprises a change to a page template, an explicit flushing event, or a change to a DGC component.

12.   (Original) The method of Claim 11, wherein said explicit flushing event comprises the expiration of a preset time period.

13.   (Original) The method of Claim 1, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached dynamically-generated pages ("DGPs") were generated.

14.   (Original) The method of Claim 1, wherein said criteria associated with said regeneration event is a change to the content of one or more of said previously cached DGC components, or no criteria.

15.   (Original) The method of Claim 1, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.

16.   (Original) The method of Claim 15, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.

17.   (Original) The method of Claim 15, wherein said selected attribute is a default attribute.

18.   (Original) The method of Claim 17, wherein said default attribute is no user attribute.

19.   (Original) The method of Claim 15, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.

20.   (Original) The method of Claim 15, wherein said selected attribute is keyed to a particular application.

21.   (Original) The method of Claim 1, further comprising the step of updating a docroot file system to indicate changes resulting from replacing said affected DGC components.

22.   (Original) The method of Claim 21, wherein said docroot file system is associated with a memory-based cache repository or a file-based cache repository.

23.   (Currently Amended) A system for cache management and regeneration of dynamically-generated content ("DGC") in one or more server computers within a client-server computer network, comprising <u>one or more computer storage media storing instructions comprising</u>:

instructions for, in response to <u>notification of</u> a regeneration event <u>received from a content management system</u>, identifying <u>using a cache manager</u> a set of one or more previously cached DGC components affected by said regeneration event;

<u>instructions for the cache manager to invoke a page generator to regenerate each affected DGC component using one or more attributes from a corresponding file name for each DGC component, wherein the attributes are used by the page generator to determine how to regenerate content for each affected DGC;</u>

instructions for regenerating <u>using the page generator</u> a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event <u>based on the one or more attributes associated with that DGC component</u>; and

instructions for replacing each affected DGC component in said set with said respective new version of each <u>using the cache manager</u>.

24.   (Original) The system of Claim 23, further comprising instructions for serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.

25.   (Original) The system of Claim 23, further comprising instructions for serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page ("DGP") to a client computer in said client-server network in response to a request from said client computer.

26.   (Original) The system of Claim 23, wherein:

said instructions for identifying further comprise instructions for identifying which of said affected DGC components satisfy a threshold criteria;

said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and

said instructions for replacing further comprise instructions for flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

27.   (Original) The system of Claim 26, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.

28.   (Original) The system of Claim 27, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC or for a DGP.

29.   (Original) The system of Claim 23, wherein said instructions for regenerating further comprise instructions for limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.

30.   (Original) The system of Claim 29, wherein said preset threshold value is determined according a desired network performance level or according to a static descriptor, such as a configuration variable.

31.   (Original) The system of Claim 23, wherein said regeneration event comprises a change to a page template, an explicit flushing event, or a change to a DGC component.

32.   (Original) The system of Claim 23, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached DGPs were generated.

33.   (Original) The system of Claim 23, wherein said criteria associated with said regeneration event is a change to the content of one or more of said previously cached DGC components.

34.   (Original) The system of Claim 23, wherein said criteria associated with said regeneration event is no change.

35.   (Original) The system of Claim 23, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.

36.   (Original) The system of Claim 35, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.

37.   (Original) The system of Claim 35, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.

38.   (Original) The system of Claim 35, wherein said selected attribute is not a user attribute.

39.   (Original) The system of Claim 35, wherein said selected attribute is keyed to a particular application.

40.   (Original) The system of Claim 23, further comprising instructions for updating a docroot file system to indicate changes resulting from replacing said affected DGC components.

41.   (Original) The system of Claim 40, wherein said docroot file system is associated with a cache repository.

42.   (Original) The system of Claim 41, wherein said cache repository is a file-based cache repository.

43.   (Currently Amended) A ~~method~~ system for cache management and regeneration of dynamically-generated content ("DGC) in one or more server computers within a client-server computer network, comprising ~~the steps of~~:

one or more client computers;

a web site system coupled to the one or more client computers over the network, the web site system comprising one or more servers for serving a web site to the client computer over the network, wherein the web site system is configured to:

~~initiating~~ detect a regeneration event to affect one or more previously cached DGC components;

in response to said regeneration event, ~~identifying~~ identify a set of one or more of said previously cached DGC components affected by said regeneration event using a cache manager;

cause the cache manager to invoke a page generator to regenerate each affected DGC component using one or more attributes from a corresponding file name for each DGC component, wherein the attributes are used by the page generator to determine how to regenerate content for each affected DGC;

~~regenerating~~ regenerate using a page generator a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event based on the one or more attributes associated with that affected DGC component; and

replacing each affected DGC component in said set with said respective new version of each using the cache manager.

44.   (Currently Amended) The system ~~The method~~ of Claim 43, wherein said regeneration event is initiated by a user via a user interface.

45.   (Currently Amended) The system ~~The method~~ of Claim 44, wherein said user interface comprises a standard user-to-computer interface to access an interface program.

46.   (Currently Amended) The system ~~The method~~ of Claim 43, wherein initiating said regeneration event comprises changing a template affecting one or more of said previously cached DGC components.

47.　(Currently Amended) The system The method of Claim 43, wherein initiating said regeneration event comprises initiating a flushing operation.

48.　(Currently Amended) The system The method of Claim 43, wherein initiating said regeneration event comprises initiating a flushing operation in response to a change in the content of one or more of said previously cached DGC components.

49.　(Currently Amended) The system The method of Claim 43, further comprising the step of serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.

50.　(Currently Amended) The system The method of Claim 43, further comprising the step of serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page ("DGP") to a client computer in said client-server network in response to a request from said client computer.

51.　(Currently Amended) The system The method of Claim 43, wherein:
said identifying step further comprises identifying which of said affected DGC components satisfy a threshold criteria;
said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and
said replacing step further comprises flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

52.　(Currently Amended) The system The method of Claim 51, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.

53.　(Currently Amended) The system The method of Claim 52, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC component or a DGP.

54.　(Currently Amended) The system The method of Claim 43, wherein any one or more of said initiating, identifying, regenerating and replacing steps can be performed at a different one of said one or more server computers from each other.

55.   (Currently Amended) The system The method of Claim 43, wherein said regenerating step further comprises the step of limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.

56.   ((Currently Amended) The system The method of Claim 43, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached DGPs were generated.

57.   (Currently Amended) The system The method of Claim 43, wherein said criteria associated with said regeneration event is a change to the content of one or more of said previously cached DGC components, or no criteria.

58.   (Currently Amended) The system The method of Claim 43, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.

59.   (Currently Amended) The system The method of Claim 58, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.

60.   (Currently Amended) The system The method of Claim 58, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.

61.   (Currently Amended) The system The method of Claim 43, further comprising the step of updating a docroot file system to indicate changes resulting from replacing said affected DGC components.